



Montana's on the *Move*

Governor Brian Schweitzer

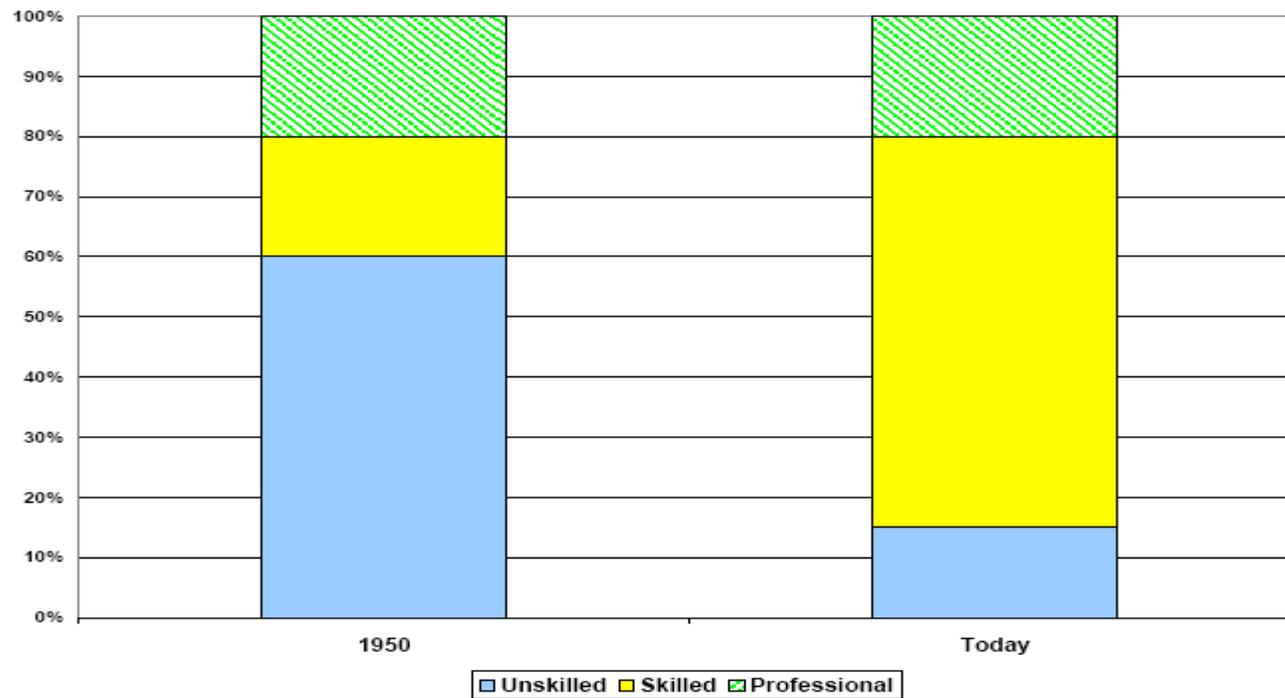
Board of Education Meeting

January 10, 2008

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Building a Ready Workforce

Skill Level Needed in the Workforce

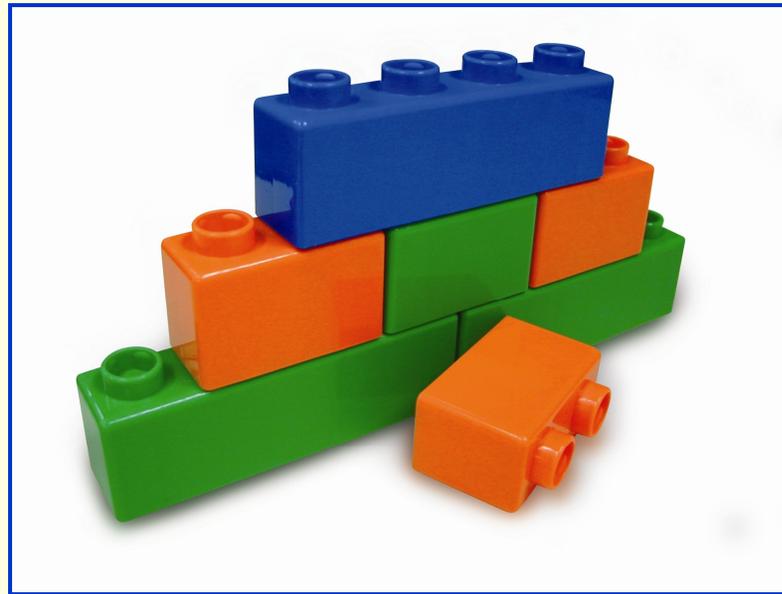


Source: Office of Public Instruction
9/5/2007

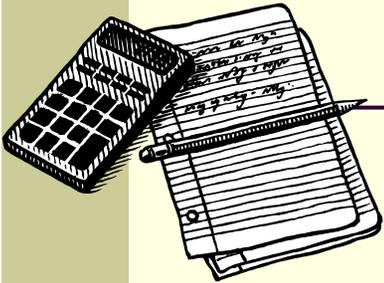
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Education for Life

Building blocks for the future



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Homework Assignments

School Readiness

-  Full time kindergarten

Students Ready for College and Work

-  Increasing Graduation Rates
-  Dual-Credit/Dual Enrollment
-  Global Competitiveness (Math & Science)

Coordinate a Technology Network

-  Distance Education

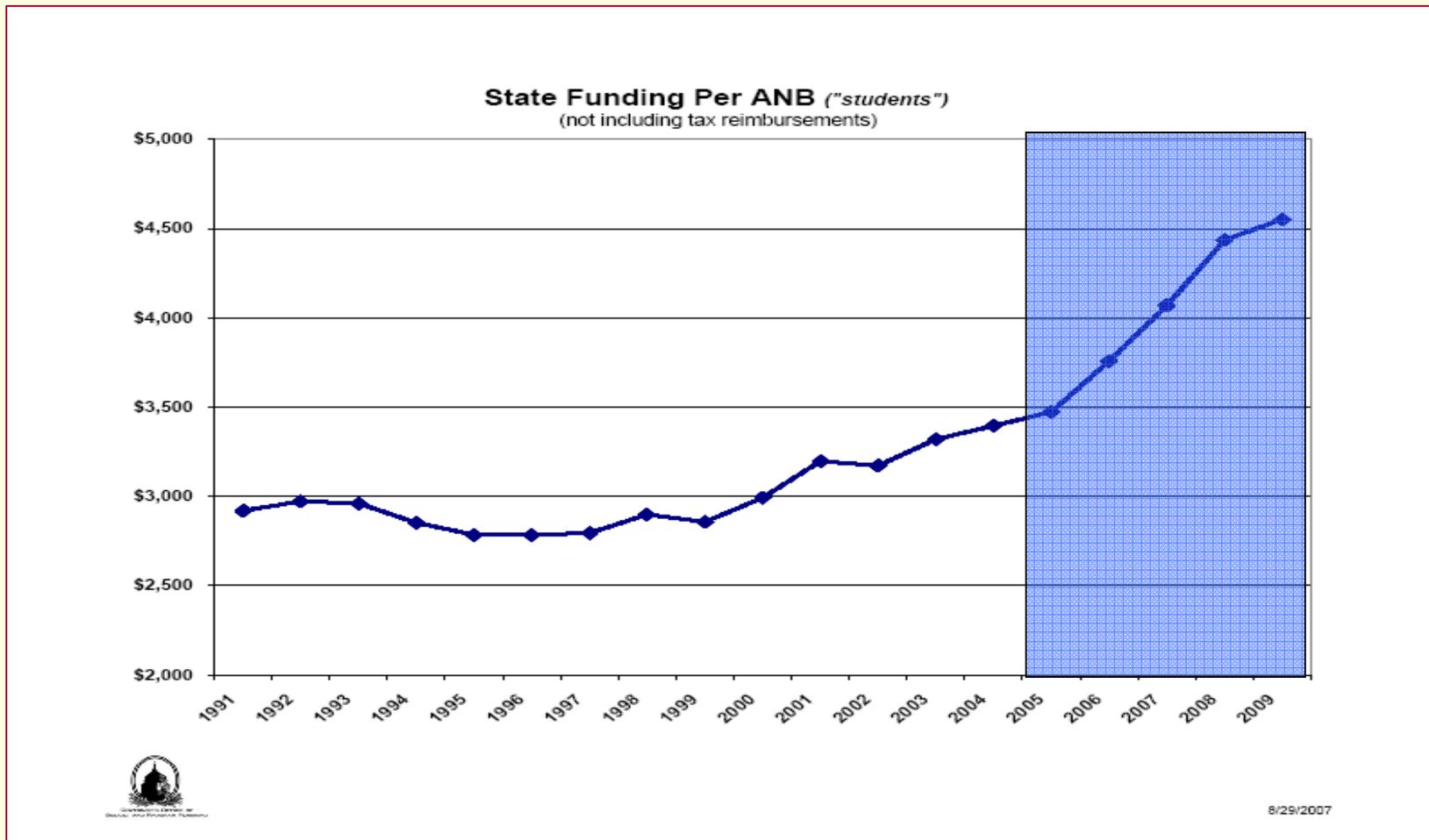
Close Tuition and Salary Gap

-  Access
-  Affordability
-  Transferability

Indian Education For All

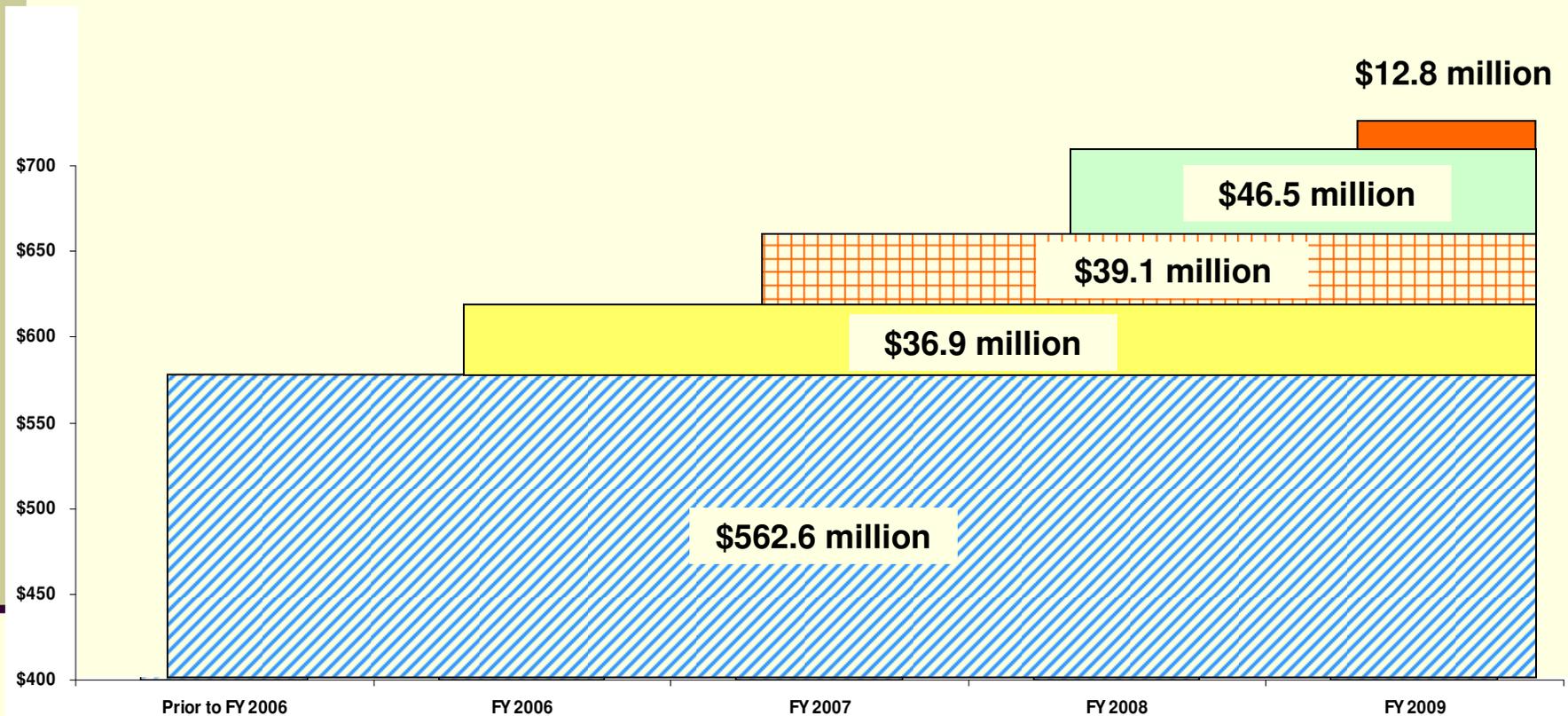
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Quality K-12 Education



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Building a Quality K-12 Education Funding Base



\$135.3 million ongoing over 2005

\$353 million one-time-only funding since 2005

Governor Brian Schweitzer



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Quality K-12 Teachers

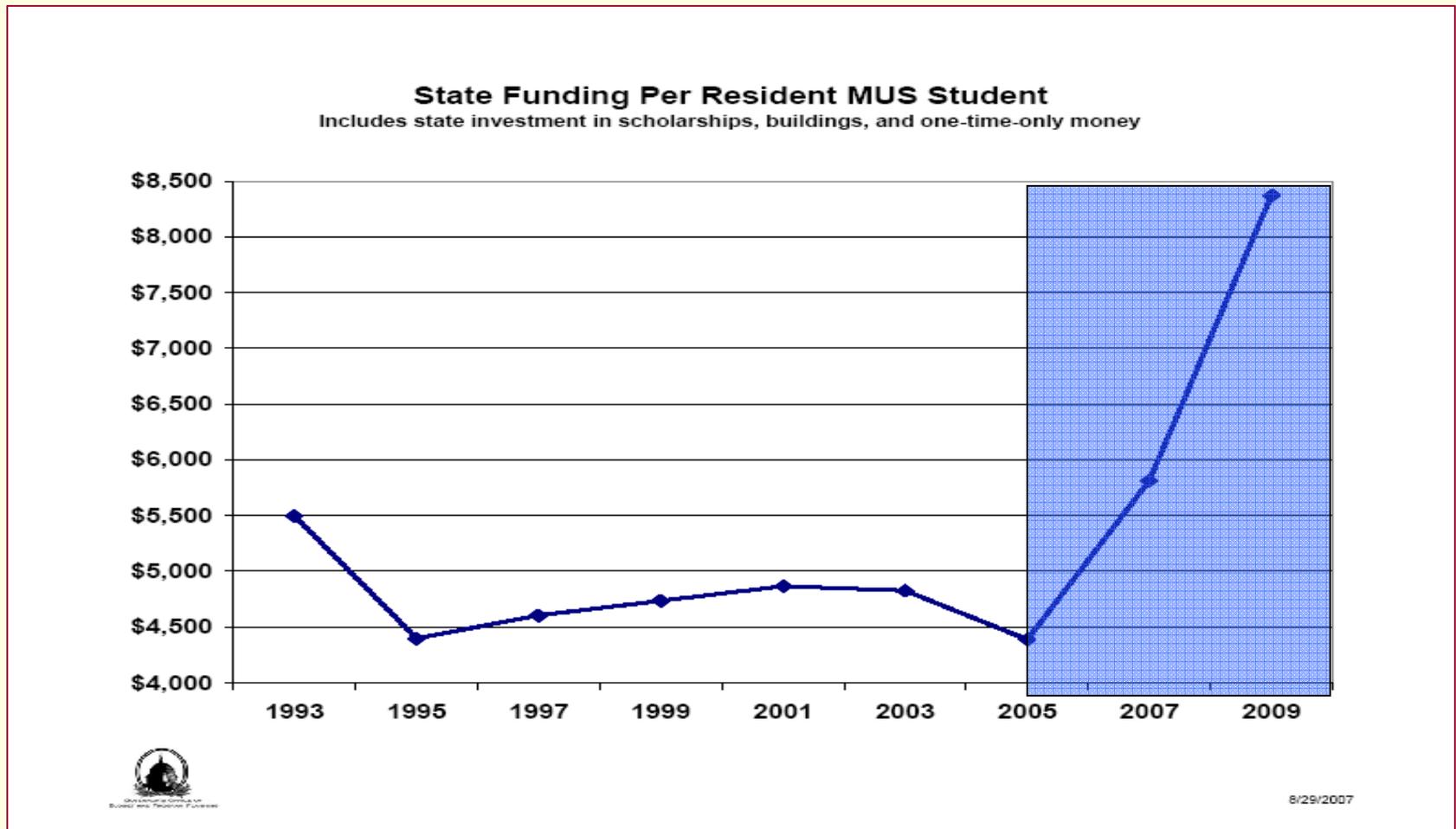
Scenario

- Recent UM graduate
- Average Student Debt \$20k
- Math teacher in small town
- Average starting salary -- \$25,318*
- Increased school funding \$38.5 Million for FY08 = \$3000 per quality educator
- Quality Educator Loan Forgiveness
 - \$12,000 for 4 years for qualifying teacher



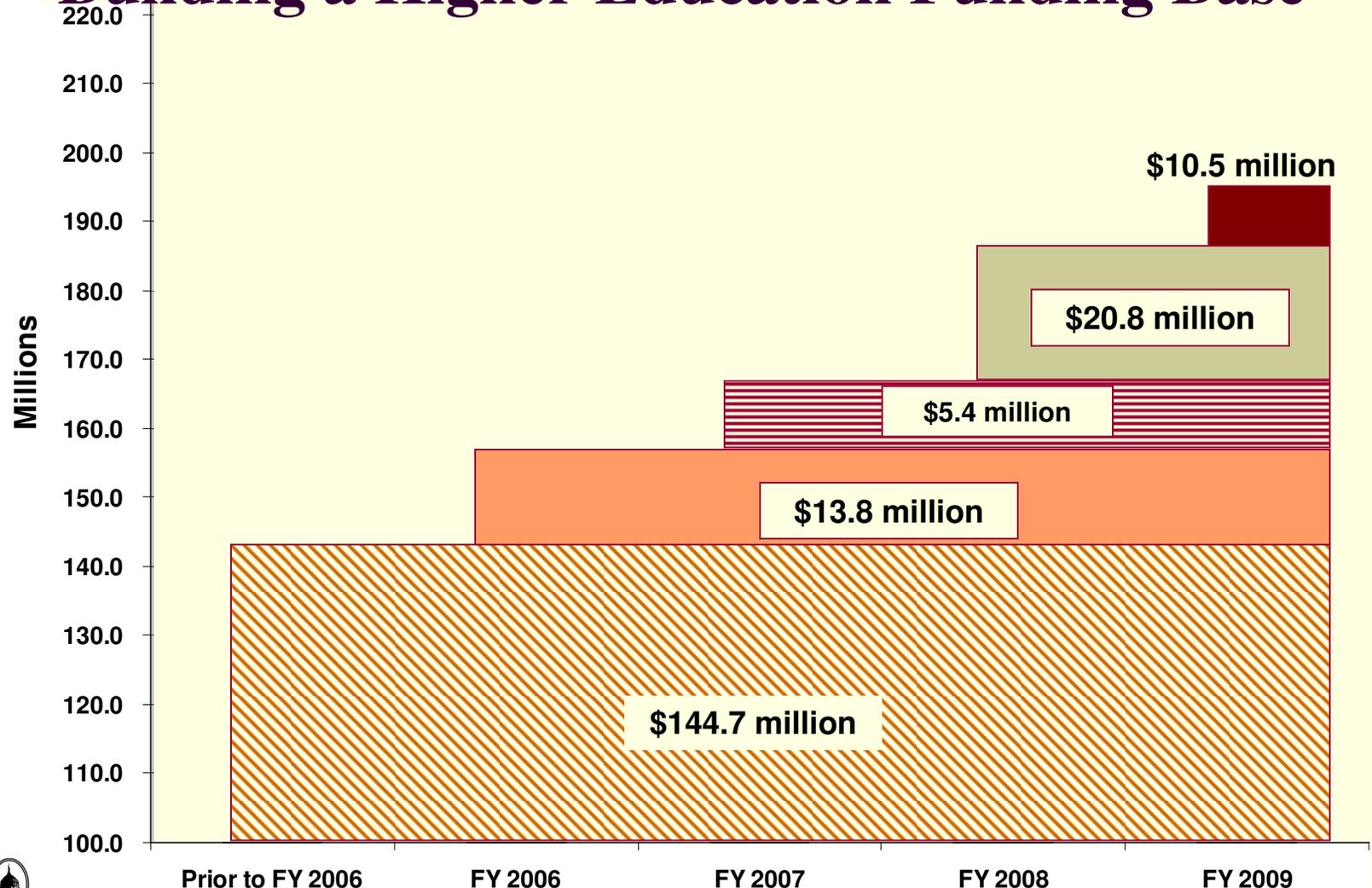
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Going to college matters



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Building a Higher Education Funding Base



\$33 M-2007 Biennium, \$52 M-FY 2009 Biennium

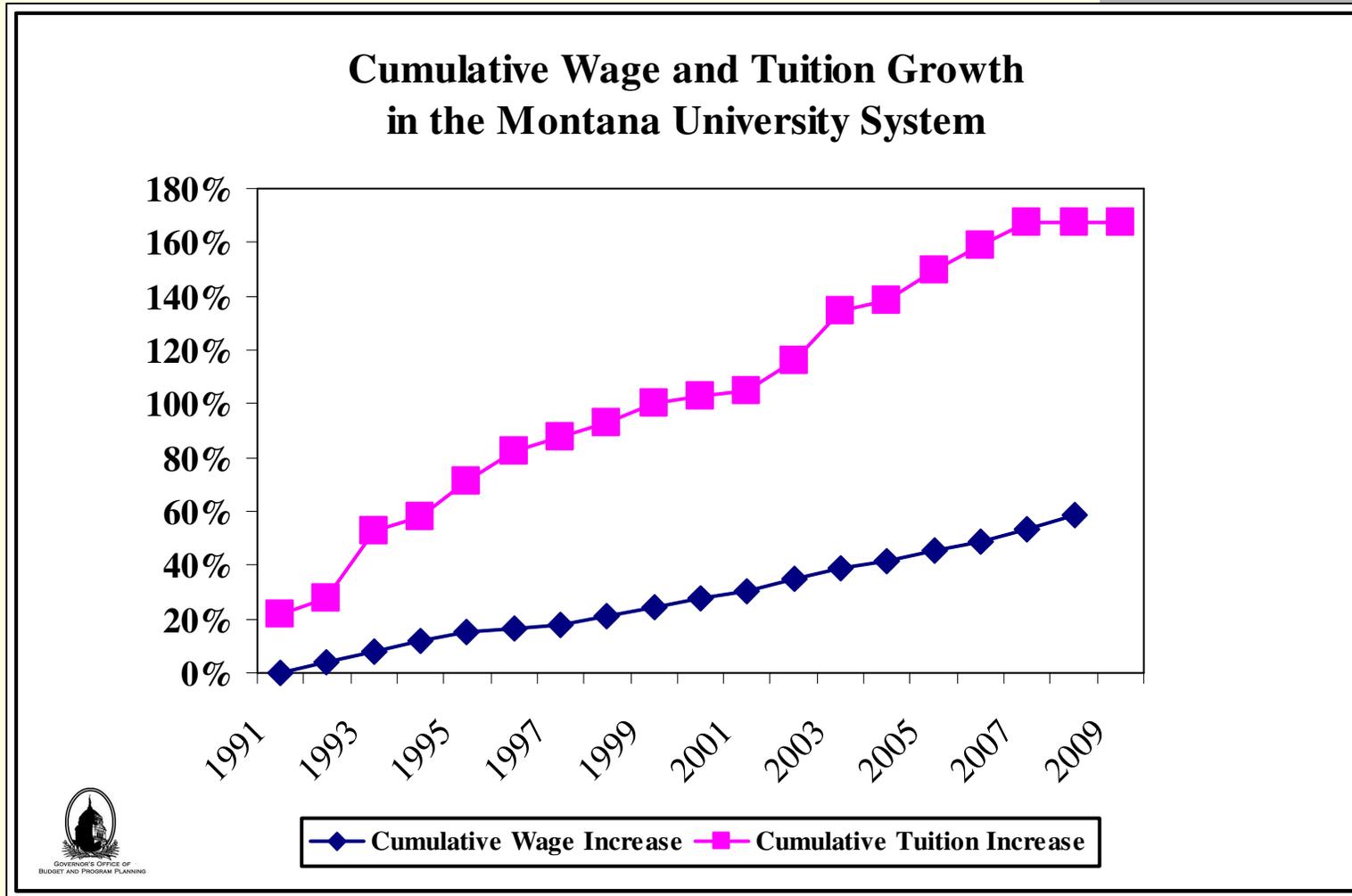
\$17.4 M one-time-only

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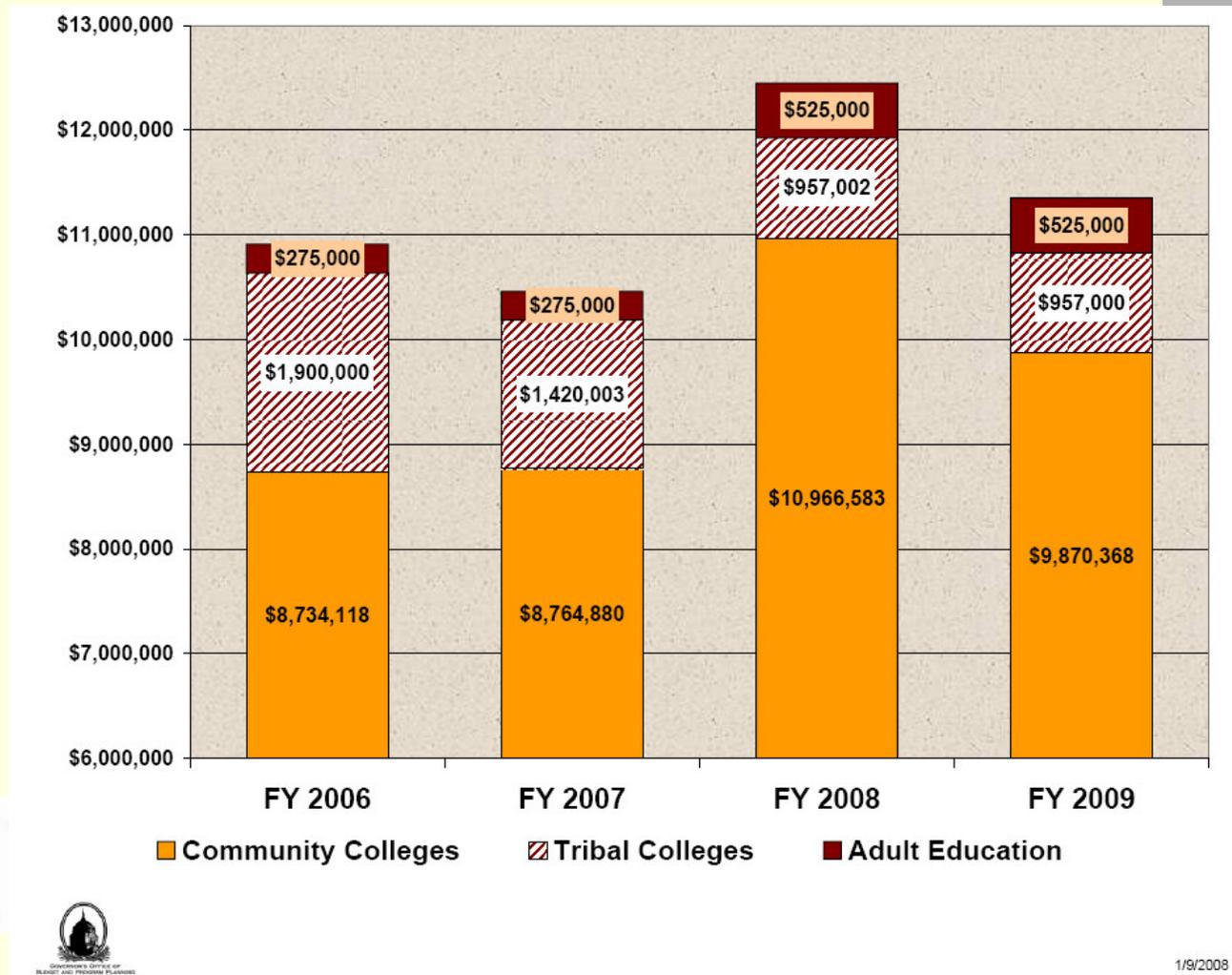
MUS Wage and Tuition Growth



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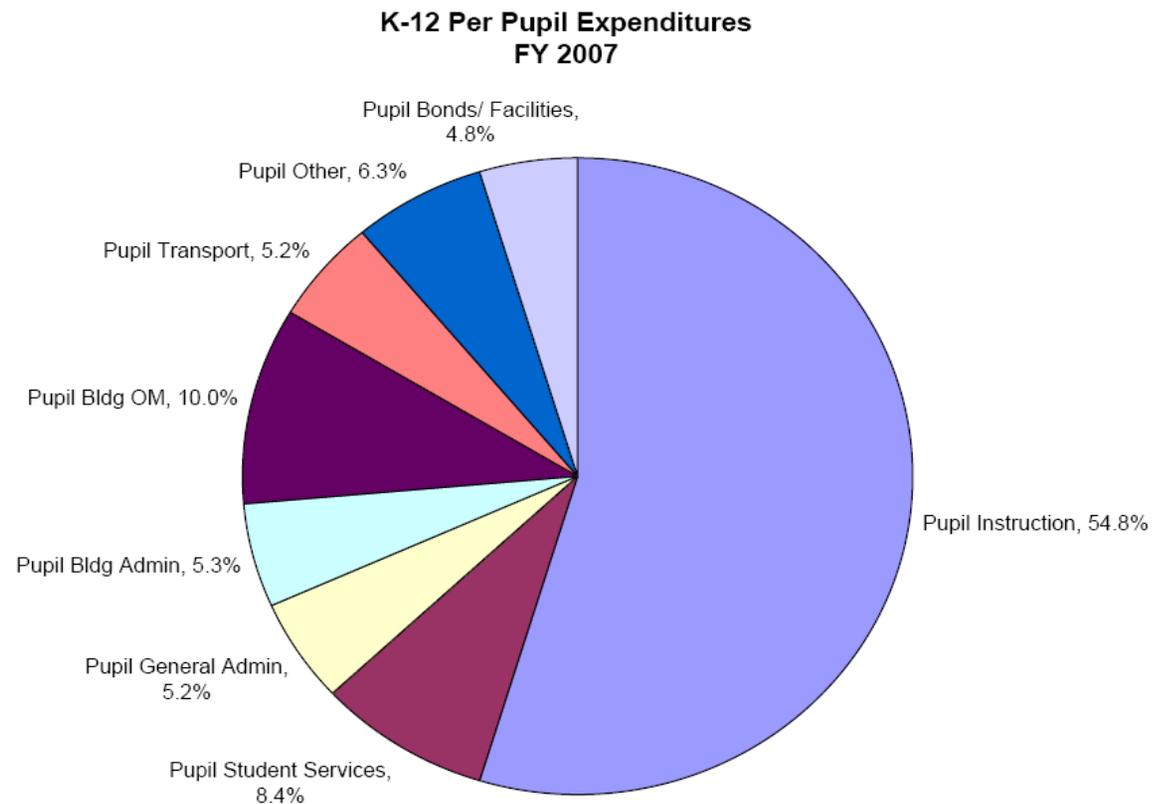
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Building the Community Colleges, Tribal Colleges and Adult Education Base



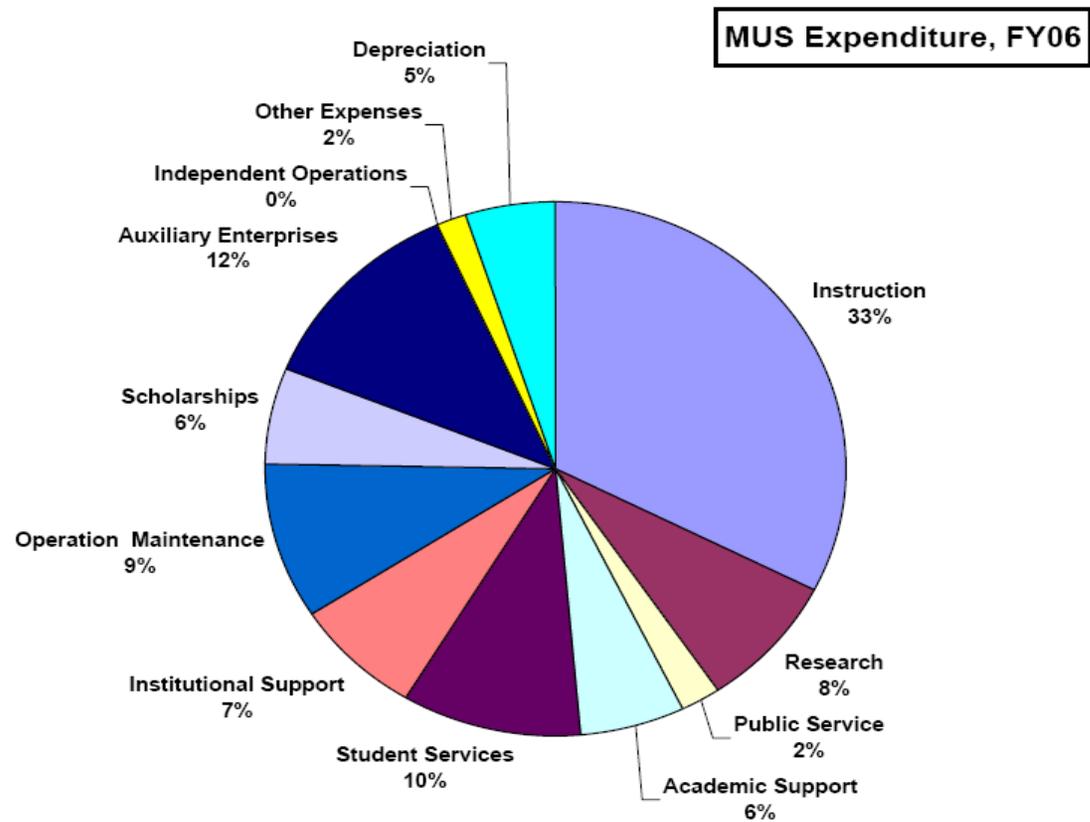
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K-12 Per Pupil Expenditures – FY 2007



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MUS Expenditures, FY 2006



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Study praises pension funding

By The Gazette State Bureau - December 19, 2007

HELENA - A national study released Tuesday ranks Montana as a "top performer" at improving the financial status of its public employee and teacher pension systems ...

PERS, TRS and ORP

One time Cash : \$175 Million

On-going Employer & State Contribution: \$518.1 Million



"Promises with a Price," the Pew Charitable Trusts

Source: <http://www.billingsgazette.net/articles/2007/12/19/news/state/43-pensionfund.txt>

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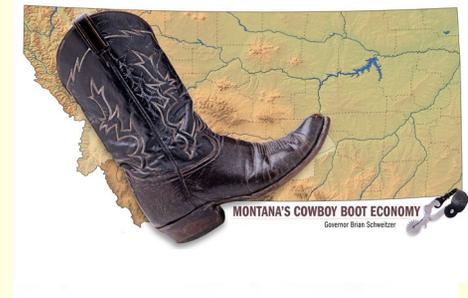
Changing Demographics 2007-2017

■ Future Challenge:

- MT's population will grow by 6.6 %
- Less babies and more elders.
- High school graduates expected to decline by nearly 20 %
- Traditional college students --18 to 24 --projected to decline 19 %

■ Today

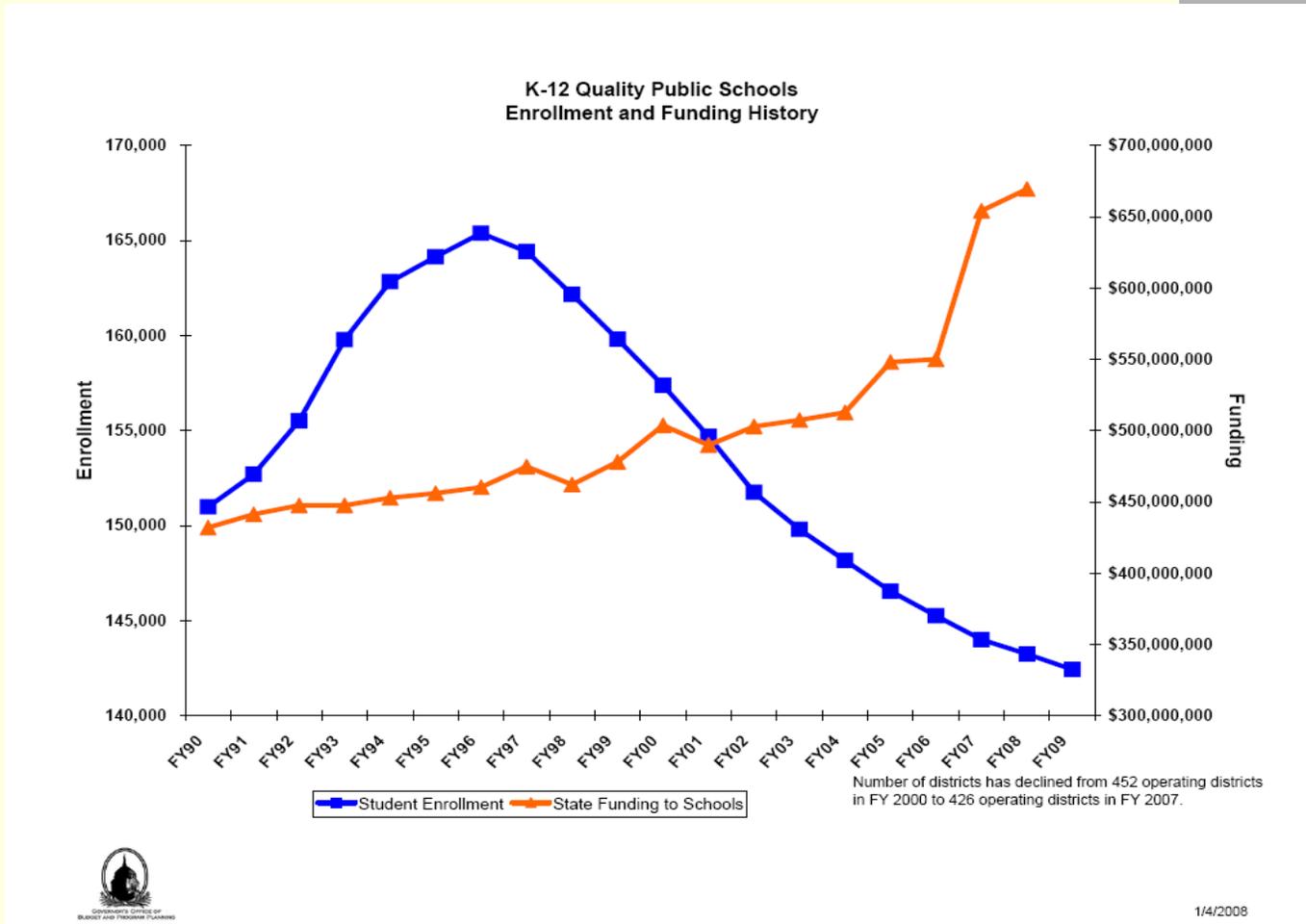
- One in two MT HS students go on to a college after graduation.
- Less than one in five students get a 4 year degree from MUS in 4 years.



Source:
U.S. Census Bureau
OCHE

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Fewer Students = Fewer Workers



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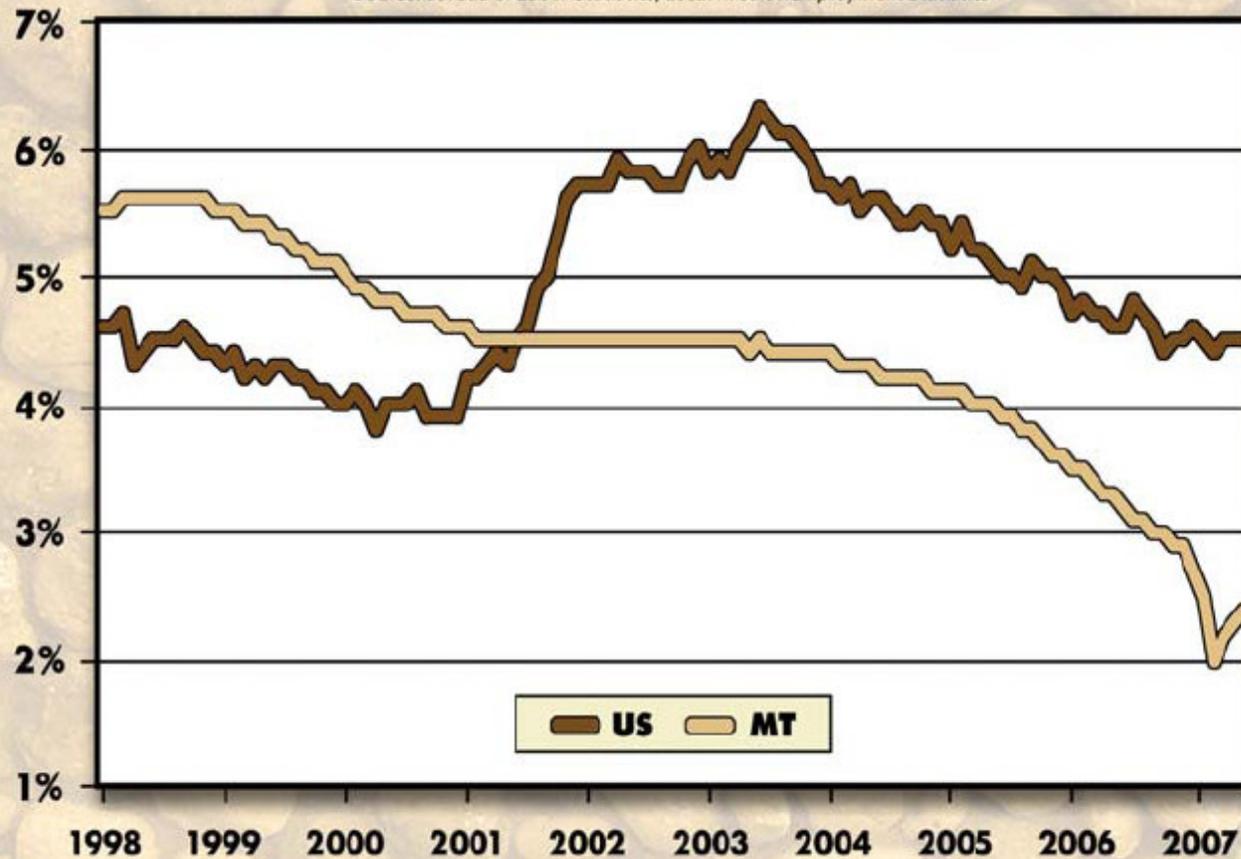
Montana Needs Workers

Labor Day
Report
2007

U.S. and Montana Monthly Seasonally Adjusted Unemployment Rate: 1998 - 2007

Source: Bureau of Labor Statistics, Local Area Unemployment Statistics

Investing in Montana's Economic Future

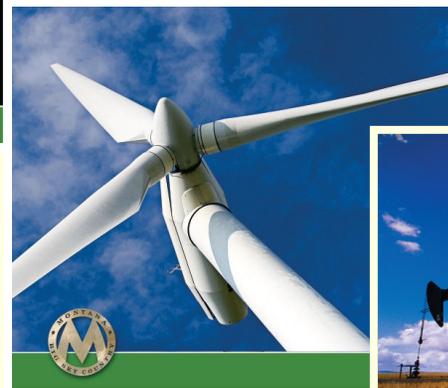


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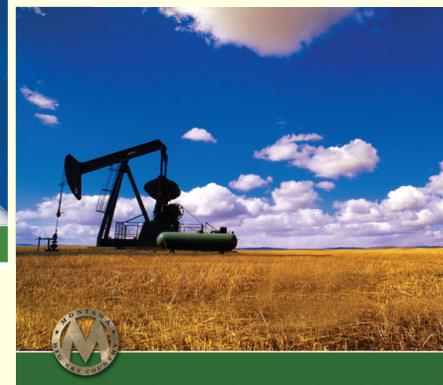
Jobs for today & tomorrow



CLEAN COAL



WIND



OIL & GAS

BIO-FUELS



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Education Employment & Economic Development

K-12, Higher Ed & Industry Partnerships

State Workforce Investment Board (SWIB)

- Apprenticeship Committee
- Economic Development Committee
- Health Care Ad-hoc Committee





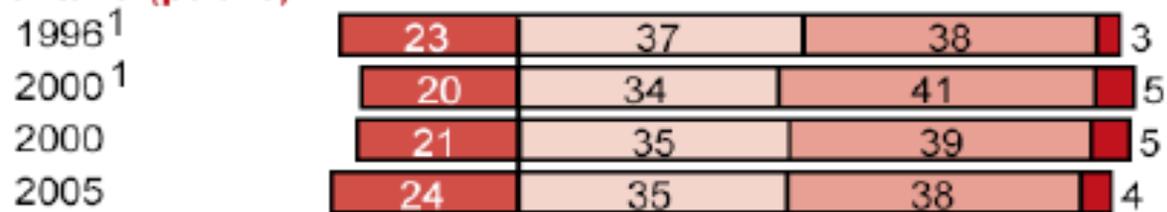
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8th Grade National Assessment of Educational Progress Science

- Montana students ranked 2nd in the nation in 2005

Student Percentages at NAEP Achievement Levels

Montana (public)



Nation (public)



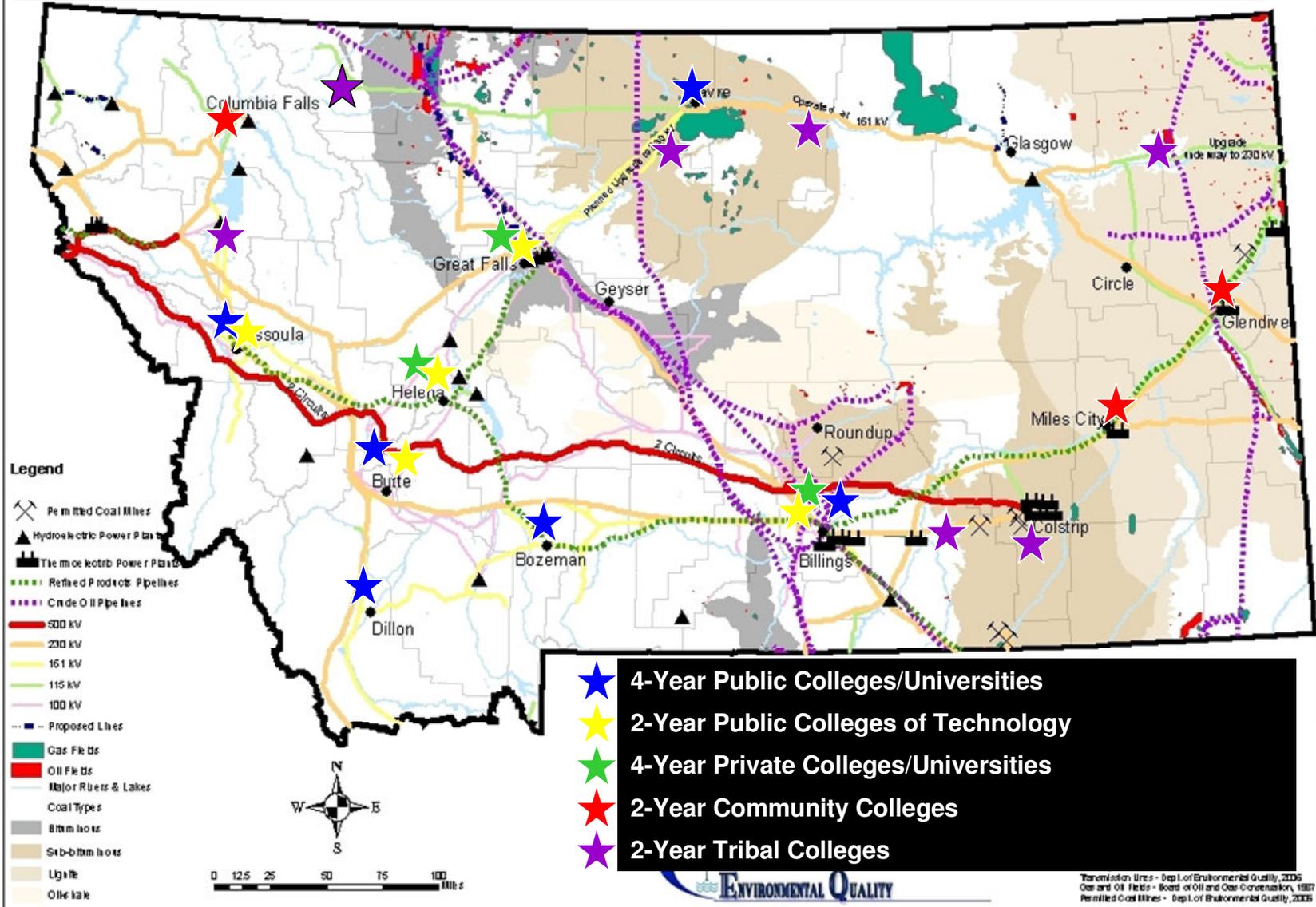
Percent below *Basic* Percent at *Basic*, *Proficient*, and *Advanced*

Below *Basic*
 Basic
 Proficient
 Advanced

¹ Accommodations were not permitted for this assessment.

NOTE: The NAEP grade 8 science achievement levels correspond to the following scale points: Below *Basic*, 142 or lower; *Basic*, 143–169; *Proficient*, 170–207; *Advanced*, 208 or above.

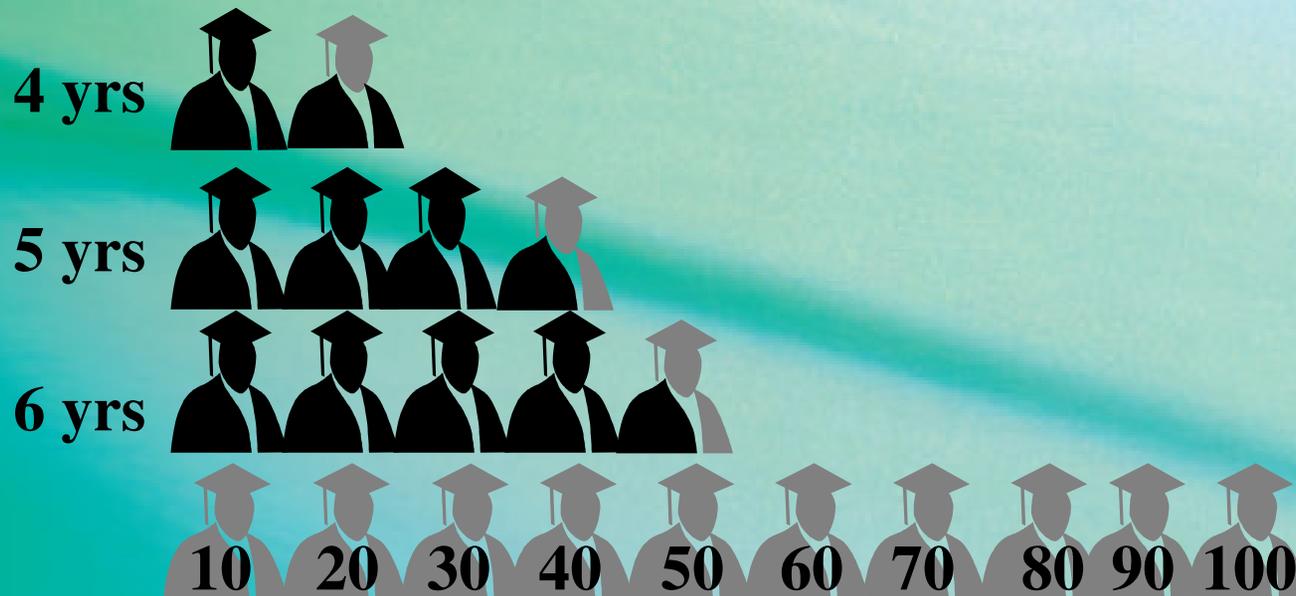
Energy Resources & Educational Institutions



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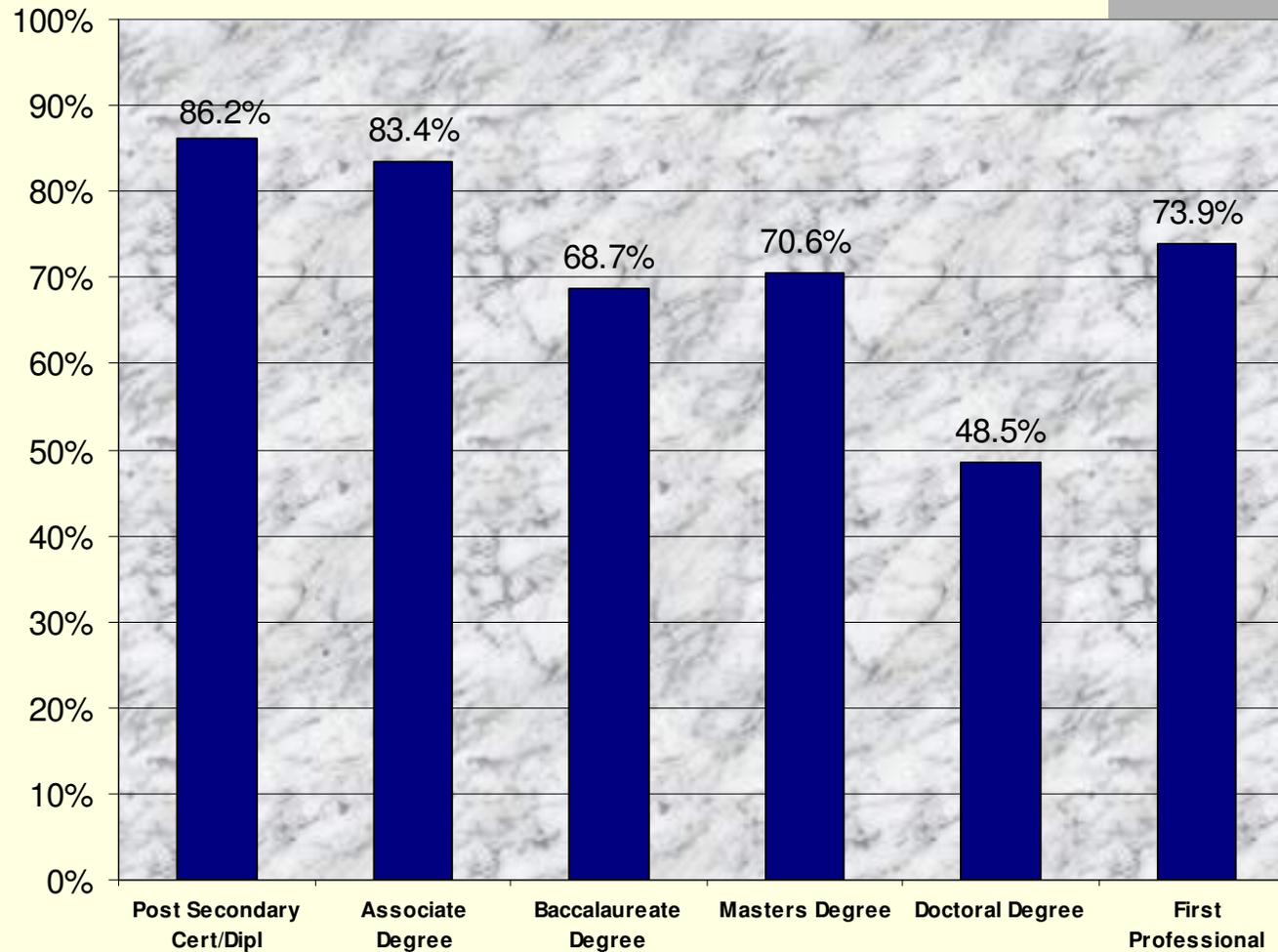
Time and Money to Degree

17.5% of students entering the Montana University System earn a bachelor's degree in 4 years and less than half in 6 years.



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MUS Resident Graduates Stay in MT



Source: MUS 2004-2005 Graduates and Dept. of Labor and Industry's Unemployment Insurance Data

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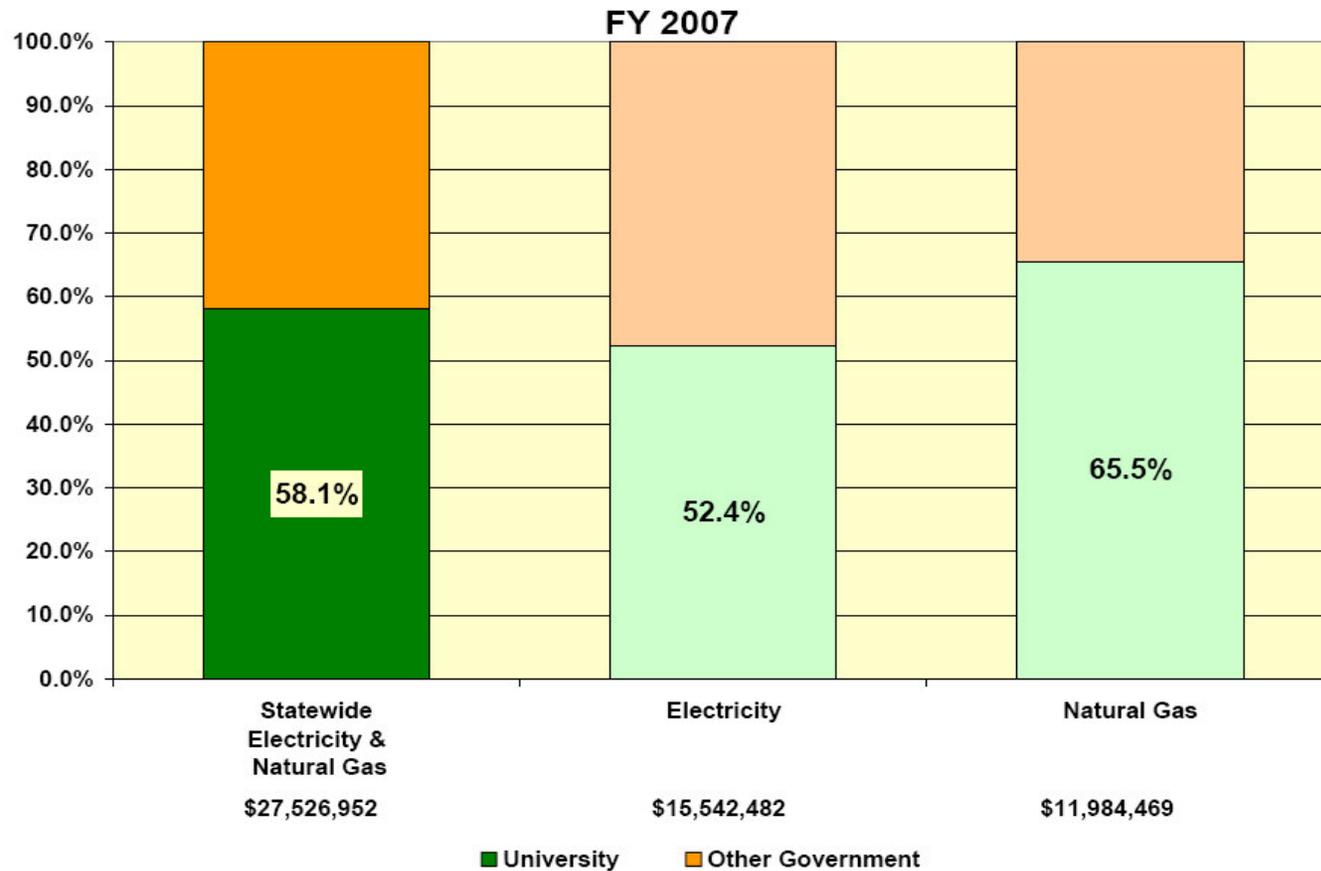
20x10

**State agencies to
reduce energy consumption by
20% by the year 2010**



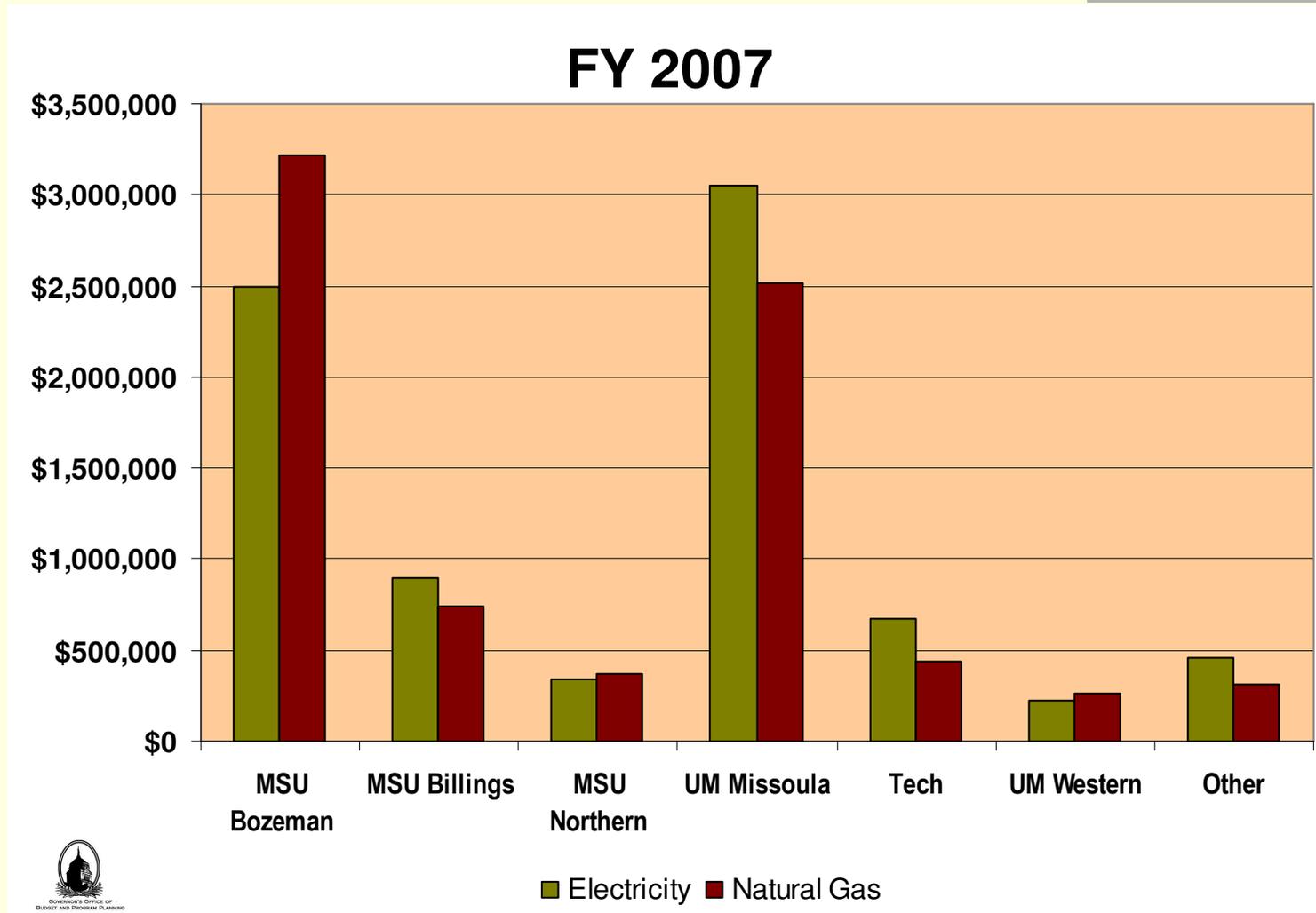
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Electricity & natural gas consumption



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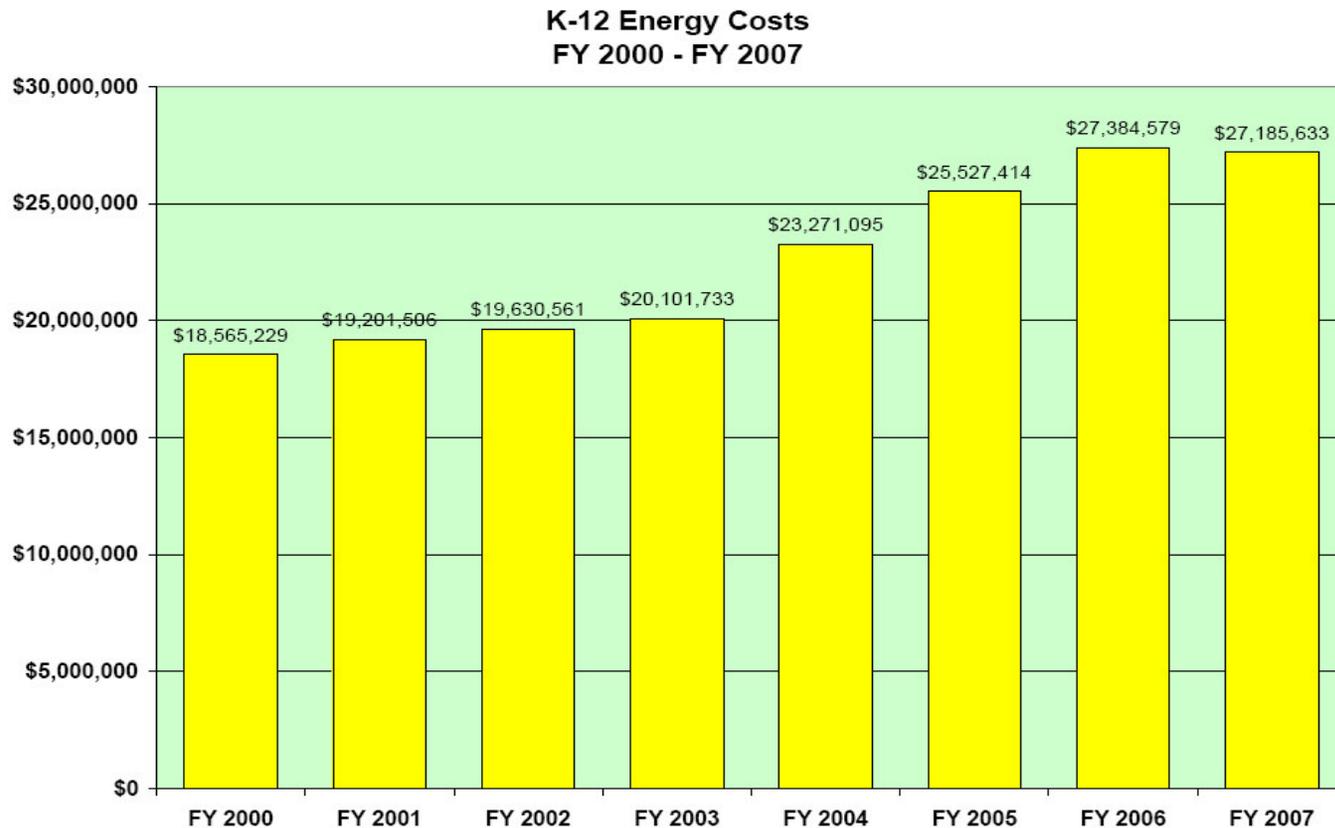
MUS Energy Costs



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K-12 Energy Costs



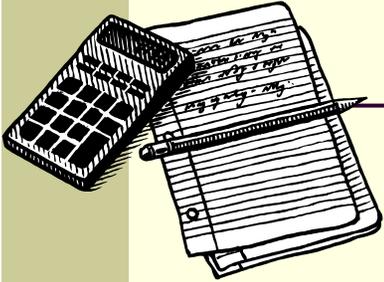
K-12 Energy consumption for maintenance and operations of the schools like gas, electricity, and other heating fuels.



1/4/2008

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Homework Assignments – Where are we?



School Readiness

Students Ready for College and Work

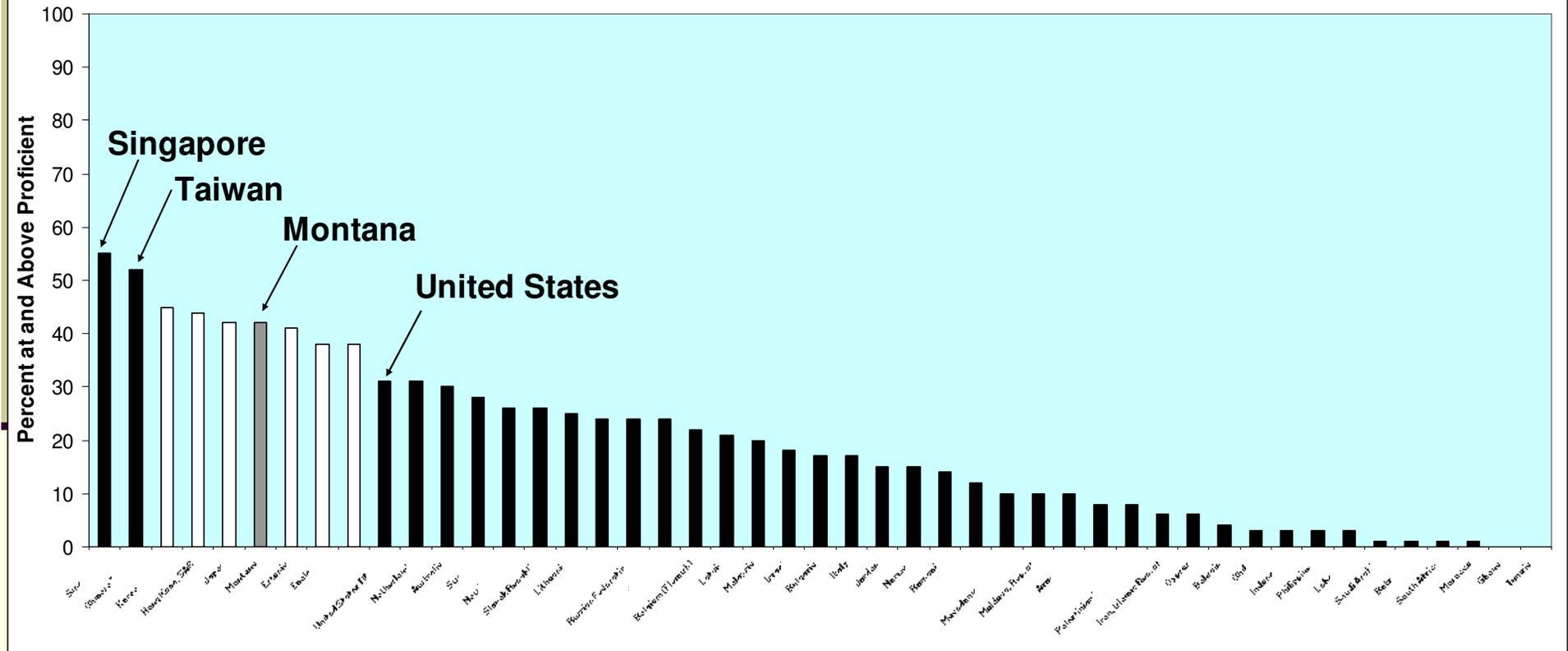
-  Increasing Graduation Rates
-  Dual-Credit/Dual Enrollment
-  Global Competitiveness (Math & Science)



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Competitiveness

Comparisons between grade 8 NAEP science results and grade 8 TIMSS national science results



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Homework Assignments – Where are we?

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Coordinate a Technology Network

-  Distance Education

Close Tuition and Salary Gap

-  Access
-  Affordability
-  Transferability

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Transformational Generation



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Investing in a World-class Education System



- Education for Life
- Investing Dollars
- Innovation
- Accountability
- Building partnerships
- Energy Independence